# Per Abrahamsen

List of Publications by Year
in descending order

| 22 papers | 874 citations | 759233 12 h-index | 713466 21 g-index |
|---|---|---|---|
| 22 all docs | 22 docs citations | 22 times ranked | 1137 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Physically Based Model for Preferential Water Flow and Solute Transport in Drained Agricultural Fields. Water Resources Research, 2021, 57, e2020WR027954. | 4.2 | 13 |
| 2 | Wheel track loosening can reduce the risk of pesticide leaching to surface waters. Soil Use and Management, 2021, 37, 906-920. | 4.9 | 4 |
| 3 | A novel model concept for modelling the leaching of natural toxins: results for the case of ptaquiloside. Environmental Sciences: Processes and Impacts, 2020, 22, 1768-1779. | 3.5 | 7 |
| 4 | Model analysis of the significant drop in protein content in Danish grain crops from 1990-2015. European Journal of Agronomy, 2020, 118, 126068. | 4.1 | 12 |
| 5 | Effects of winter wheat N status on assimilate and N partitioning in the mechanistic agroecosystem model DAISY. Journal of Agronomy and Crop Science, 2020, 206, 784-805. | 3.5 | 12 |
| 6 | Analysis of the significant drop in protein content in Danish grain crops from 1990-2015 based on N-response in fertilizer trials. European Journal of Agronomy, 2020, 115, 126013. | 4.1 | 9 |
| 7 | Climate change impacts on agro-climatic indices derived from downscaled weather generator scenarios for eastern Denmark. European Journal of Agronomy, 2018, 101, 222-238. | 4.1 | 18 |
| 8 | Integrated modelling of crop production and nitrate leaching with the Daisy model. MethodsX, 2016, 3, 350-363. | 1.6 | 18 |
| 9 | Optimising crop production and nitrate leaching in China: Measured and simulated effects of straw incorporation and nitrogen fertilisation. European Journal of Agronomy, 2016, 80, 32-44. | 4.1 | 43 |
| 10 | Effects of Single Rainfall Events on Leaching of Glyphosate and Bentazone on Two Different Soil Types, using the DAISY Model. Vadose Zone Journal, 2015, 14, 1-15. | 2.2 | 13 |
| 11 | Comparison of simulated water, nitrate, and bromide transport using a Hooghoudt-based and a dynamic drainage model. Water Resources Research, 2014, 50, 1080-1094. | 4.2 | 14 |
| 12 | Water Balance in Afforestation Chronosequences of Common Oak and Norway Spruce on Former Arable Soils in Denmark as Evaluated Using the DAISY Model. Procedia Environmental Sciences, 2013, 19, 217-223. | 1.4 | 4 |
| 13 | Changes in soil water balance following afforestation of former arable soils in Denmark as evaluated using the DAISY model. Journal of Hydrology, 2013, 484, 128-139. | 5.4 | 16 |
| 14 | Daisy: Model Use, Calibration, and Validation. Transactions of the ASABE, 2012, 55, 1317-1335. | 1.1 | 144 |
| 15 | Agricultural Systems. Applied Ecology and Environmental Management, 2011, , 203-239. | 0.1 | 2 |
| 16 | Modelling of root ABA synthesis, stomatal conductance, transpiration and potato production under water saving irrigation regimes. Agricultural Water Management, 2010, 98, 425-439. | 5.6 | 27 |
| 17 | Remote sensing based evapotranspiration and runoff modeling of agricultural, forest and urban flux sites in Denmark: From field to macro-scale. Journal of Hydrology, 2009, 377, 300-316. | 5.4 | 64 |
| 18 | Calibration procedure for a potato crop growth model using information from across Europe. Ecological Modelling, 2008, 211, 209-223. | 2.5 | 28 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------| 
| 19 | Modeling Water and Nitrogen Uptake Using a Single-Root Concept. , 2008, , 169-195. | | 1 |
| 20 | Dual permeability soil water dynamics and water uptake by roots in irrigated potato fields. Biologia (Poland), 2007, 62, 552-556. | 1.5 | 9 |
| 21 | Incorporating remote sensing data in physically based distributed agro-hydrological modelling. Journal of Hydrology, 2004, 287, 279-299. | 5.4 | 142 |
| 22 | Daisy: an open soil-crop-atmosphere system model. Environmental Modelling and Software, 2000, 15, 313-330. | 4.5 | 274 |